

TIMeworks®

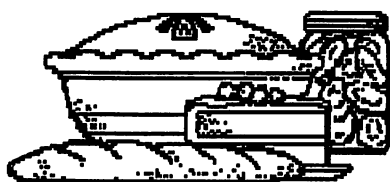
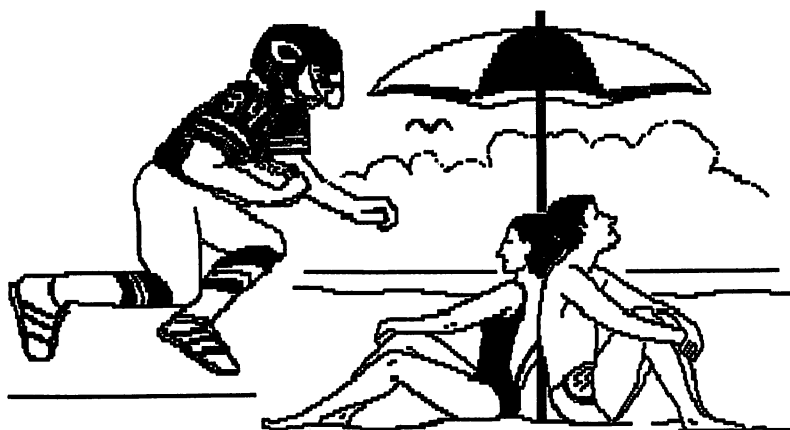
For Commodore* 64 and 128
Computers (64K, 40 column)

User's Manual

(For WORD WRITER Version 5 or higher)

Word Writer

Art Accessory Pack II



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625 Academy Drive
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Art Accessory Pack Installation Instructions

Welcome to the Art Accessory Pack II for WORD WRITER! With the addition of the graphics shown in the pages that follow, you have greatly enhanced your printing capability. Now you can easily add illustrations to all your documents.

The Art Accessory Pack expands your ability to add graphic elements to your documents, lending them a professional appearance. Each of the 130 graphics are illustrated here, with the graphic file name just as you'll type it. Below each graphic is its height and width in dots.

When adding illustrations to a document, you must tell WORD WRITER to leave space for the graphic, or your text will print over it. The height and width measurements need to be converted to vertical text lines and horizontal tenths of inches, like your text. We've included two charts and instructions to make the conversions easy.

Remember, you must be in FONT mode to print graphics in WORD WRITER. Be sure the graphic files are on your WORK disk with your fonts and printer driver. You can use WORD WRITER's INSTALL program to copy these files to your WORK disk.

For details on adding art to your documents, see the step-by-step examples with the conversion tables on the following pages, and the Graphics section of Chapter 4 of your WORD WRITER user's manual.

Graphic Height Conversion Table

		Font Sizes (in points)																								
		8	9	10	12	14	16	18	20	24	28	30	32	36	40	46	48	60	64	72	80	92	96			
		Number of text lines needed																								
Height of Graphic (in dots)	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	11	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	14	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	17	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	20	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	23	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	26	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	29	4	4	3	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1		
	32	4	4	4	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1		
	35	5	4	4	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1		
	38	5	5	4	4	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1		
	41	6	5	5	4	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1		
	46	6	6	5	4	4	3	3	3	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1		
	51	7	6	6	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1		
	56	7	7	6	5	4	4	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1		
	61	8	7	7	6	5	4	4	4	3	3	3	3	2	2	2	2	2	1	1	1	1	1	1		
	66	9	8	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2	1	1	1	1	1		
	71	9	8	8	6	6	5	4	4	3	3	3	3	2	2	2	2	2	2	2	1	1	1	1		
	79	10	9	8	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2	1	1	1	1		
	87	11	10	9	8	7	6	5	5	4	4	3	3	3	3	2	2	2	2	2	2	1	1	1		
95	12	11	10	8	7	6	6	5	4	4	3	3	3	3	3	2	2	2	2	2	2	2	2			
103	13	12	11	9	8	7	6	6	5	4	4	4	3	3	3	3	2	2	2	2	2	2	2			
111	14	13	12	10	8	7	7	6	5	4	4	4	3	3	3	3	2	2	2	2	2	2	2			
119	15	14	12	10	9	8	7	6	5	5	4	4	4	3	3	3	2	2	2	2	2	2	2			
129	17	15	13	11	10	9	8	7	6	5	5	5	4	4	3	3	3	3	2	2	2	2	2			
139	18	16	14	12	10	9	8	7	6	5	5	5	4	4	4	3	3	3	2	2	2	2	2			
149	19	17	15	13	11	10	9	8	7	6	5	5	5	4	4	4	3	3	3	2	2	2	2			
159	20	18	16	14	12	10	9	8	7	6	6	5	5	4	4	4	3	3	3	2	2	2	2			
179	23	20	18	15	13	12	10	9	8	7	6	6	5	5	4	4	3	3	3	2	2	2	2			
200	25	23	20	17	15	13	12	10	9	8	7	7	6	5	5	5	4	4	3	3	3	3	3			

I. Height of Graphic (in dots): The height of each graphic is measured in dots. A dot is the smallest element your printer can print. This chart converts the graphic height in dots into the number of vertical text lines required to print the graphic within your document.

II. Font Size: The font sizes are in points. Select the font size you are using through the section of your document where you want the graphic to appear.

III. Conversion: Locate the height of your graphic (in dots) along the left side of the chart. Locate the font size you are using across the top of the chart. Where the two intersect you will find the number of vertical text lines you must leave in your document to accommodate the height of the graphic.

Print Width Conversion Table

PRINTERS

	Epson*	GEOS**	Commodore*
	Print Width of Graphic in tenth of an inch		
64	5	7	10
80	6	9	12
96	8	11	15
112	9	13	18
128	10	15	20
144	12	17	23
160	13	19	25
176	14	21	28
192	16	23	30
208	17	25	33
224	18	27	36
240	20	29	38
256	21	31	41
272	22	33	43
288	24	35	46
304	25	37	49
320	26	39	51
336	28	41	54
352	29	43	56
368	30	45	59
384	32	47	61
400	33	49	64
416	34	51	67
432	36	53	69

I. Width of Graphic (in dots): The width of each graphic is measured in dots. This chart indicates the width of each graphic in tenths of an inch, and for each type of printer.

II. Graphic Print Width: The graphic print width is measured in tenths of an inch, just like your text margins. As shown in the chart, Commodore printers print twice as wide as Epson printers. Epson printers with GEOS drivers fall in between.

III. Conversion: Find the width of your graphic from the left side of the chart. Select the printer type you have installed. The number indicates the graphic print width in tenths of an inch.

To use the print width value, make sure your margins are set at the default position ($\sqrt{m,60}$ - left margin set at 10 with a line length of 60).

Each graphic can be placed on a line by itself, or text can be placed either to the right or to the left of the graphic. Due to the capacity limitations of the Commodore, graphics can not be placed in the center of text or have text running around the graphic. No more than one graphic can occupy the same horizontal space on a page.

To place your graphic to the left of your text, use the following steps:

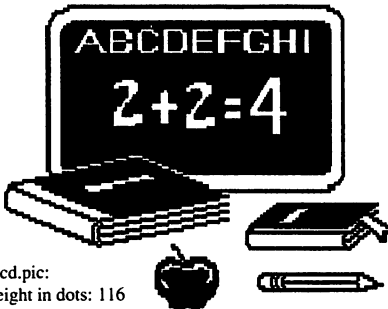
1. Set your graphic margin the same as your left text margin ($\sqrt{g,10,n,graphic,pic}$).
2. Increase your left text margin by the print width of the graphic. If the graphic has a print width of 5, add 5 to your left text margin position number of 10 ($\sqrt{m,15,60}$).
3. Reduce your line length by the print width of the graphic ($\sqrt{m,15,55}$).

To place your graphic to the right of your text, use the following steps:

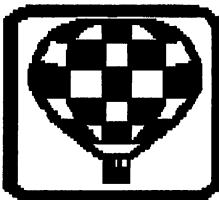
1. Reduce your line length by the print width of the graphic ($\sqrt{m,10,55}$).
2. Set the graphic margin to the total of your left text margin plus your new line length ($\sqrt{g,65,n,graphic,pic}$).

These steps are described in the User's Manual.

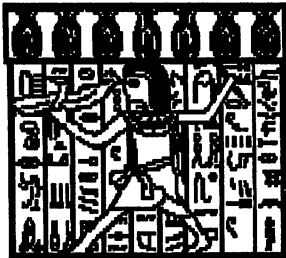
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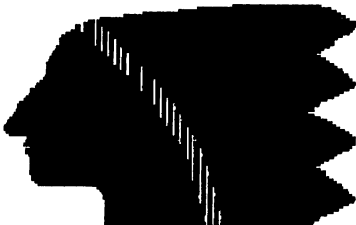
abcd.pic:
Height in dots: 116
Width in dots: 256



airballoon.pic:
Height in dots: 73
Width in dots: 160



art.pic:
Height in dots: 97
Width in dots: 192



americanart.pic:
Height in dots: 84
Width in dots: 240



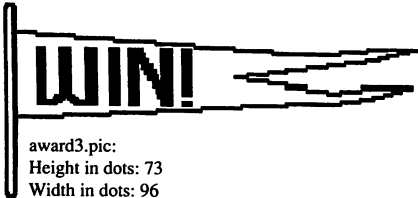
award.pic:
Height in dots: 57
Width in dots: 112



award1.pic:
Height in dots: 43
Width in dots: 192



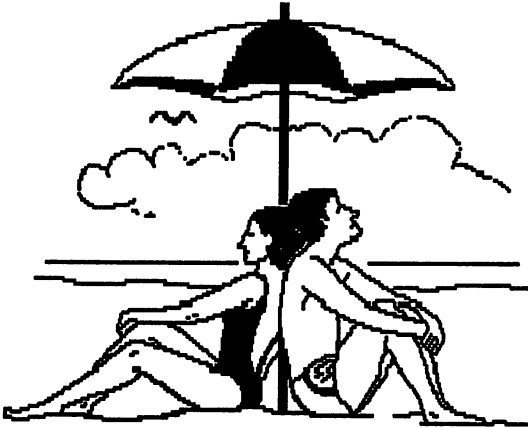
award2.pic:
Height in dots: 73
Width in dots: 272



award3.pic:
Height in dots: 73
Width in dots: 96



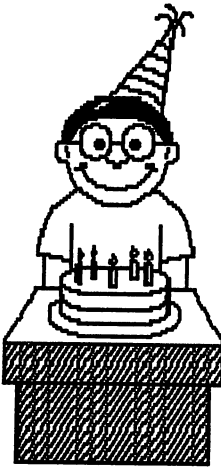
ballmask.pic:
Height in dots: 82
Width in dots: 176



beach.pic:
Height in dots: 160
Width in dots: 352



bear.pic:
Height in dots: 92
Width in dots: 112



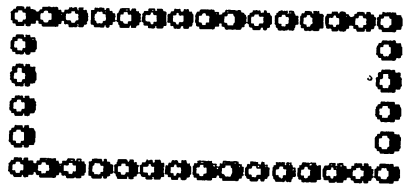
birthday.pic:
Height in dots: 174
Width in dots: 160



bubble.pic:
Height in dots: 126
Width in dots: 112



bellman.pic:
Height in dots: 119
Width in dots: 128

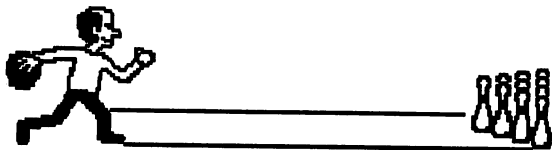


border1.pic:
Height in dots: 64
Width in dots: 256

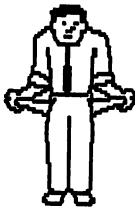


border2.pic:
Height in dots: 68
Width in dots: 304

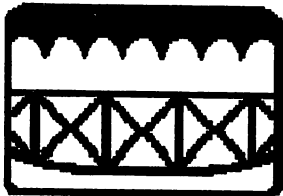
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bowling.pic:
Height in dots: 52
Width in dots: 352



broke.pic:
Height in dots: 76
Width in dots: 96



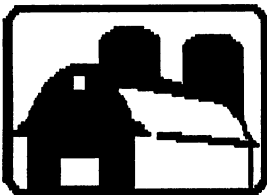
bridge.pic:
Height in dots: 72
Width in dots: 192



building1.pic:
Height in dots: 72
Width in dots: 176



building2.pic:
Height in dots: 72
Width in dots: 192



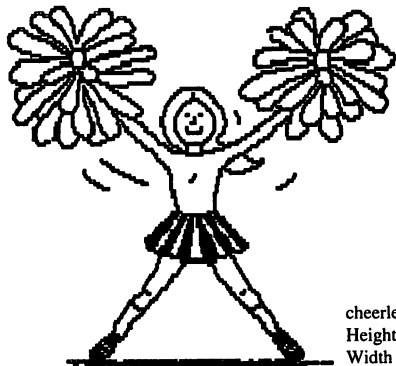
building3.pic:
Height in dots: 72
Width in dots: 176



cap.pic:
Height in dots: 35
Width in dots: 128



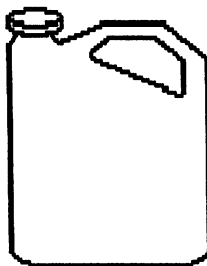
carriage.pic:
Height in dots: 69
Width in dots: 272



cheerleader.pic:
Height in dots: 139
Width in dots: 256



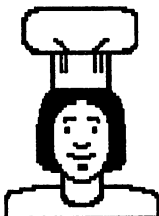
cent.pic:
Height in dots: 69
Width in dots: 176



container.pic:
Height in dots: 98
Width in dots: 128

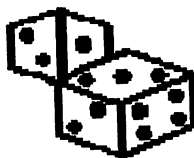


clown.pic:
Height in dots: 94
Width in dots: 128



cooks.pic:
Height in dots: 81
Width in dots: 224

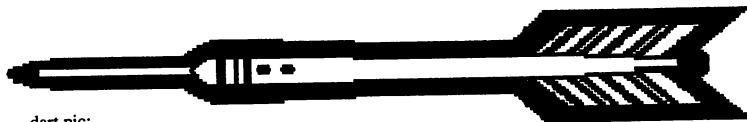
clown1.pic:
Height in dots: 174
Width in dots: 240



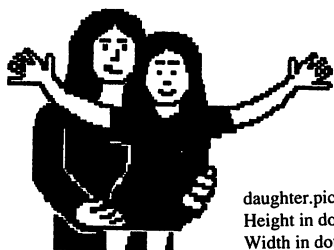
dice.pic:
Height in dots: 58
Width in dots: 128



crab.pic:
Height in dots: 37
Width in dots: 96



dart.pic:
Height in dots: 42
Width in dots: 480



daughter.pic:
Height in dots: 92
Width in dots: 224



deer.pic:
Height in dots: 81
Width in dots: 240

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dog.pic:
Height in dots: 92
Width in dots: 160



dollar.pic:
Height in dots: 69
Width in dots: 176

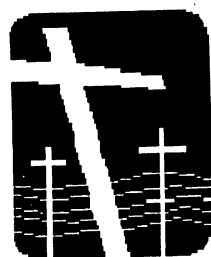


ear.pic:
Height in dots: 61
Width in dots: 96



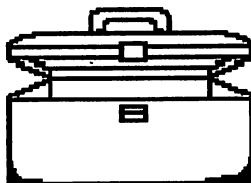
dragon.pic:
Height in dots: 72
Width in dots: 256

drink.pic:
Height in dots: 112
Width in dots: 192

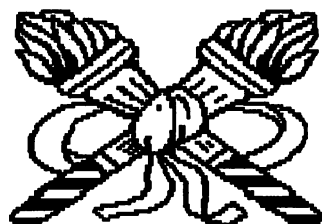


eastercross.pic:
Height in dots: 93
Width in dots: 128

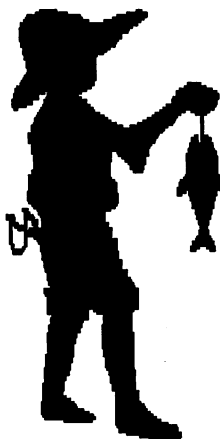
eyes.pic:
Height in dots: 55
Width in dots: 272



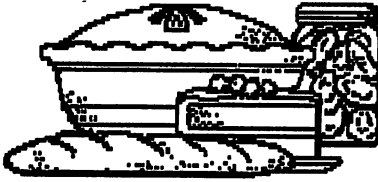
filebox.pic:
Height in dots: 67
Width in dots: 160



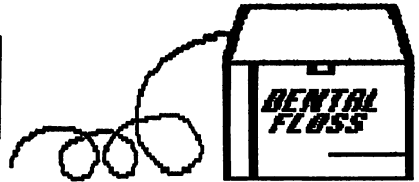
flames.pic:
Height in dots: 83
Width in dots: 224



fishing.pic:
Height in dots: 164
Width in dots: 160



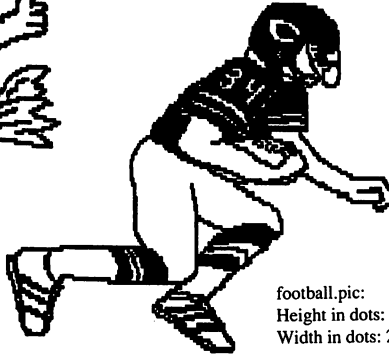
food.pic:
Height in dots: 66
Width in dots: 256



floss.pic:
Height in dots: 66
Width in dots: 272



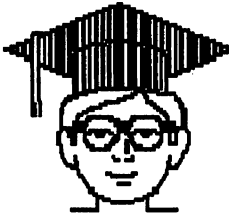
frog.pic:
Height in dots: 82
Width in dots: 144



football.pic:
Height in dots: 141
Width in dots: 256



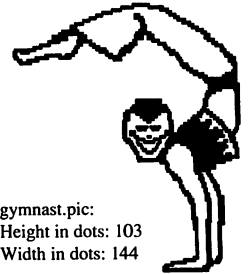
glider.pic:
Height in dots: 74
Width in dots: 160



gradboy.pic:
Height in dots: 79
Width in dots: 160



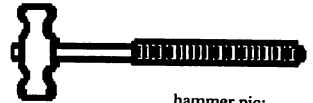
girl.pic:
Height in dots: 73
Width in dots: 112



gymnast.pic:
Height in dots: 103
Width in dots: 144



goose.pic:
Height in dots: 116
Width in dots: 192



hammer.pic:
Height in dots: 37
Width in dots: 192



hat.pic:
Height in dots: 38
Width in dots: 128

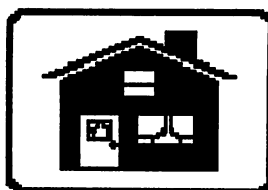
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horn.pic:
Height in dots: 71
Width in dots: 192



hatoff.pic:
Height in dots: 124
Width in dots: 192



house.pic:
Height in dots: 70
Width in dots: 176

heading1.pic:
Height in dots: 27
Width in dots: 384

GREAT JOB!



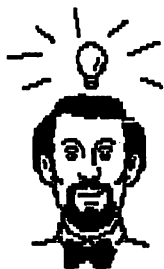
horse.pic:
Height in dots: 72
Width in dots: 192



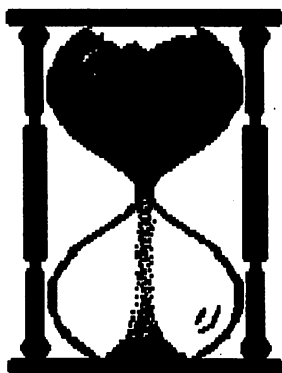
heading2.pic:
Height in dots: 50
Width in dots: 240



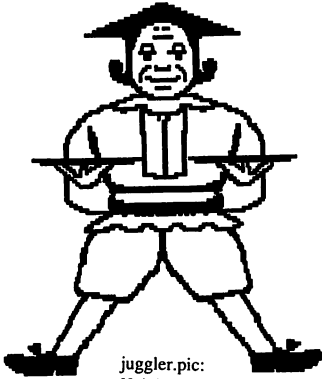
indianart.pic:
Height in dots: 88
Width in dots: 128



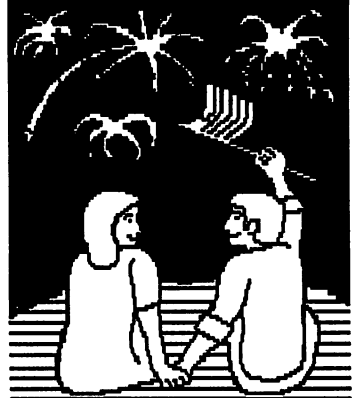
idea.pic:
Height in dots: 100
Width in dots: 112



hourglass.pic:
Height in dots: 139
Width in dots: 176



juggler.pic:
Height in dots: 140
Width in dots: 224



july4.pic:
Height in dots: 180
Width in dots: 240

JULY 4TH



logo.pic:
Height in dots: 57
Width in dots: 144



moon.pic:
Height in dots: 74
Width in dots: 160



minuteman.pic:
Height in dots: 75
Width in dots: 96



mask.pic:
Height in dots: 85
Width in dots: 128



mouse.pic:
Height in dots: 33
Width in dots: 192



nefertiti.pic:
Height in dots: 100
Width in dots: 160



newyear.pic:
Height in dots: 124
Width in dots: 176

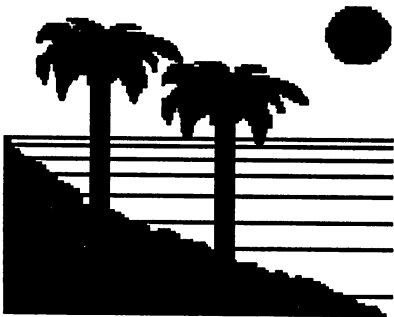


nurse.pic:
Height in dots: 124
Width in dots: 112

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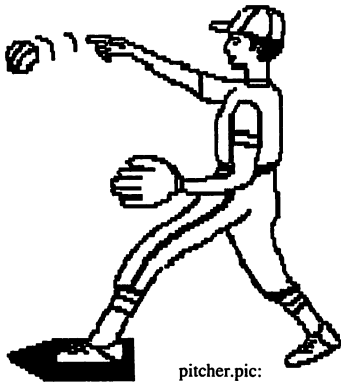
onphone.pic:
Height in dots: 157
Width in dots: 208



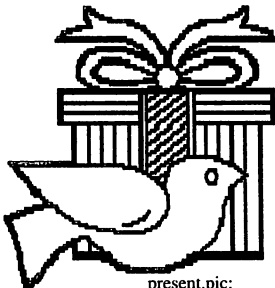
palms.pic:
Height in dots: 118
Width in dots: 256



pliers.pic:
Height in dots: 34
Width in dots: 192



pitcher.pic:
Height in dots: 143
Width in dots: 224



present.pic:
Height in dots: 108
Width in dots: 192



pyramid.pic:
Height in dots: 54
Width in dots: 160



pta.pic:
Height in dots: 86
Width in dots: 336



reading.pic:
Height in dots: 63
Width in dots: 112



robot.pic:
Height in dots: 37
Width in dots: 256



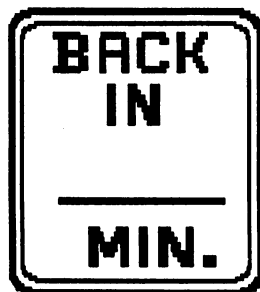
rx.pic:
Height in dots: 37
Width in dots: 96



scale.pic:
Height in dots: 75
Width in dots: 128



sdriver.pic:
Height in dots: 109
Width in dots: 32



HR(S).

sign.pic:
Height in dots: 130
Width in dots: 176



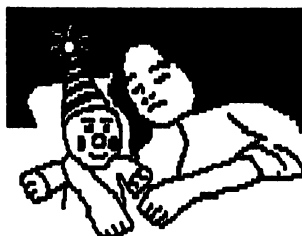
sleep1.pic:
Height in dots: 87
Width in dots: 208



sdriver.pic:
Height in dots: 107
Width in dots: 32



seal.pic:
Height in dots: 56
Width in dots: 96



sleep2.pic:
Height in dots: 87
Width in dots: 208

scooter.pic:
Height in dots: 59
Width in dots: 144



shoes.pic:
Height in dots: 107
Width in dots: 96



soldier1.pic:
Height in dots: 112
Width in dots: 80



soldier2.pic:
Height in dots: 112
Width in dots: 80

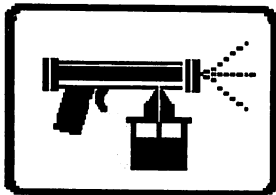


snowflake.pic:
Height in dots: 63
Width in dots: 192

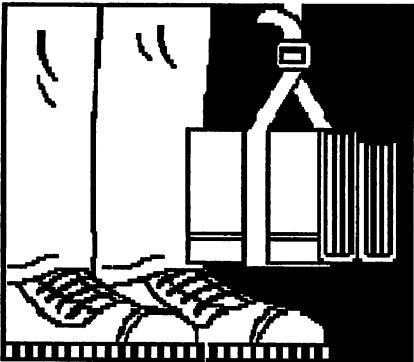


small\$.pic:
Height in dots: 46
Width in dots: 128

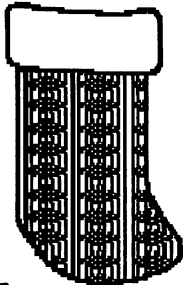
WORD WRITER: Art Accessory Pack II



sprayer.pic:
Height in dots: 72
Width in dots: 192



stbook.pic:
Height in dots: 136
Width in dots: 272



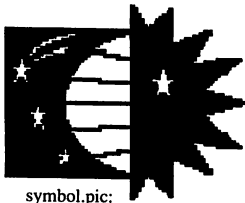
stocking.pic:
Height in dots: 107
Width in dots: 128



tape.pic:
Height in dots: 111
Width in dots: 48



student.pic:
Height in dots: 173
Width in dots: 160



symbol.pic:
Height in dots: 74
Width in dots: 176



tacklebox.pic:
Height in dots: 44
Width in dots: 160



tbrush.pic:
Height in dots: 24
Width in dots: 352



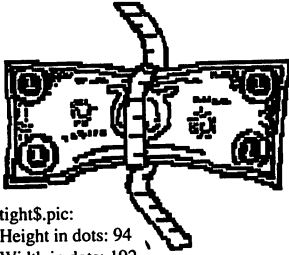
think2.pic:
Height in dots: 85
Width in dots: 128



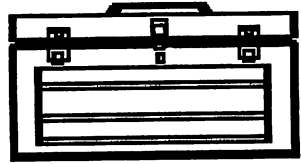
teacher.pic:
Height in dots: 99
Width in dots: 240



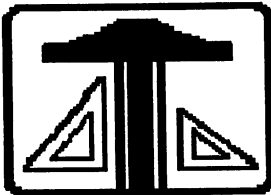
thinker.pic:
Height in dots: 72
Width in dots: 128



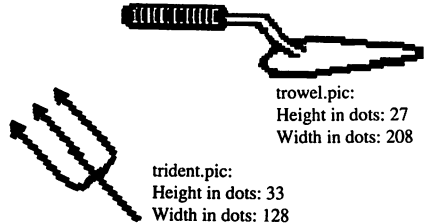
tight\$.pic:
Height in dots: 94
Width in dots: 192



toolbox.pic:
Height in dots: 60
Width in dots: 208



tsquare.pic:
Height in dots: 72
Width in dots: 192

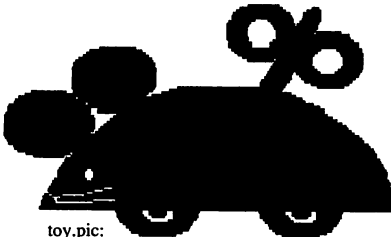


trowel.pic:
Height in dots: 27
Width in dots: 208

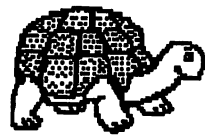
trident.pic:
Height in dots: 33
Width in dots: 128



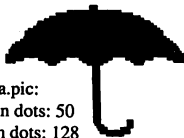
trumpet.pic:
Height in dots: 52
Width in dots: 304



toy.pic:
Height in dots: 88
Width in dots: 272

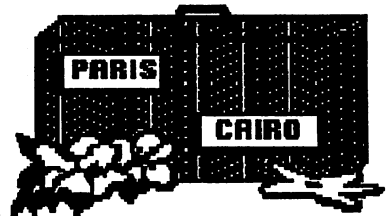


turtle.pic:
Height in dots: 48
Width in dots: 128



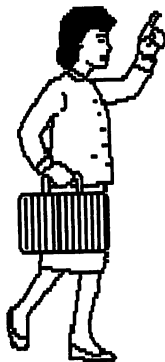
umbrella.pic:
Height in dots: 50
Width in dots: 128

vacation.pic:
Height in dots: 80
Width in dots: 256





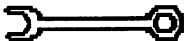
waiter.pic:
Height in dots: 99
Width in dots: 160



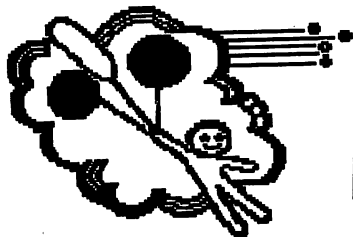
woman.pic:
Height in dots: 134
Width in dots: 112



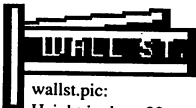
welcome.pic:
Height in dots: 84
Width in dots: 176



wrench.pic:
Height in dots: 13
Width in dots: 128



windy.pic:
Height in dots: 89
Width in dots: 240



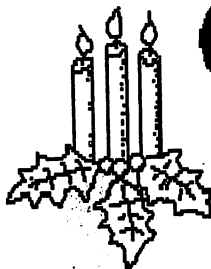
wallst.pic:
Height in dots: 39
Width in dots: 144



xskier.pic:
Height in dots: 70
Width in dots: 144

CHRISTMAS

Goy



xmas.pic:
Height in dots: 100
Width in dots: 144

xmasjoy.pic:
Height in dots: 79
Width in dots: 320



xmasbox.pic:
Height in dots: 70
Width in dots: 96



xmasbear.pic:
Height in dots: 124
Width in dots: 160

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